

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11)Publication number: **11053243 A**(43)Date of publication of application: **26.02.99**

(51)Int. Cl. **G06F 12/00**
G06F 17/60

(21)Application number: **09210301**(22)Date of filing: **05.08.97**(71)Applicant: **HITACHI LTD**

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(54)COMPUTER SYSTEM AND MEDIUM RECORDED
WITH PROCESSING PROGRAM THEREOF

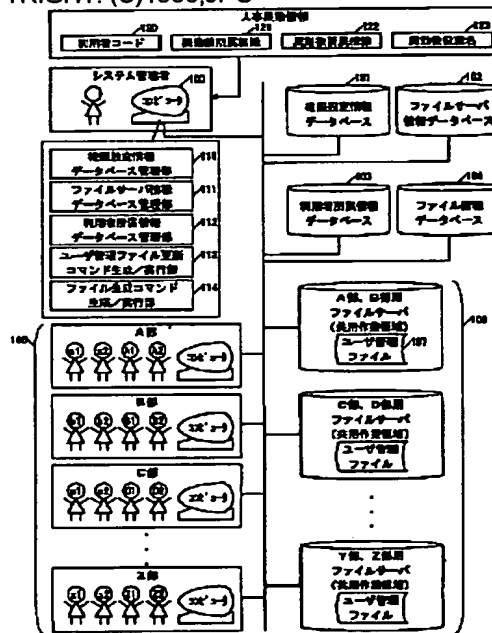
and executed.

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(57)Abstract:

PROBLEM TO BE SOLVED: To effectively perform user management and file management by providing a user management file update command generation/execution part which generates and executes commands for setting acquired information in a user management file.

SOLUTION: The user management file update command generation/execution part 113 obtains information on the available attributes and object areas of the organization and position name of a changing user after a change from an authority setting information database 101, a file server information database 102, and a user belonging information database 103. The command for setting the obtained information in the user management file 107 is generated and executed. A file move command generation/execution part 114 obtains the name of a file generated by the changing user and the storage location of the file from a file information database 104. Then, a command for moving the files that users have generated individually from the file servers at the change sources to file servers at the change destinations is generated



XY?

===== WPI =====

TI - File and protection system for computer network - restricts accessing of files based on access limit defined in priority level table

AB - J11003264 NOVELTY - During sharing or accessing a particular electronic file, by an user/group priority level table which defines and preserves access control or access limit for each file by the user/group and access situation of a user/group is referred. Thus the user/group is informed about the right to access a particular file.

- USE - For electronic billing system.
- ADVANTAGE - Since right to access file resources can be changed dynamically, service situation and service time is improved. Unauthorized accessing of files can be prevented. DESCRIPTION OF DRAWING (S) - The figure shows the block diagram of file protection.
- (Dwg.1/6)

PN - JP11003264 A 19990106 DW199911 G06F12/00 006pp

PR - JP19970156366 19970613

PA - (HITA) HITACHI LTD

MC - T01-H01C2 T01-H07C5 T01-J12C

DC - T01

IC - G06F12/00 ;G06F12/14

AN - 1999-127005 [11]

===== PAJ =====

TI - FILE PROTECTION SYSTEM APPLYING SETTING OF FILE USER PRIORITY ORDER

AB - PROBLEM TO BE SOLVED: To protect a file in response to the authority of an object user, the work progress state, the work authority and the time respectively and to improve the privacy of work by changing dynamically the access right to the user/group file access resources.

- SOLUTION: When a file that must be shared is newly produced, a priority table 13 where the priority data on the user/group using the file are added is produced together with a file status table 12 where the reference status is added for the access right to the file. Then both tables 13 and 12 are stored in a common DB 11. When the file is updated/ deleted or referred to and processed, the priority assigned to the user/ group is extracted from the table 13 for the relevant file that is previously defined. If the extracted priority is higher than or equal to the relevant file status, the decision of access right is allowed in terms of a process. When a series of jobs are over to the file, the user/ group access state is written into the table 13 and the access right is dynamically changed.

PN - JP11003264 A 19990106

→ PD - 1999-01-06

ABD - 19990430

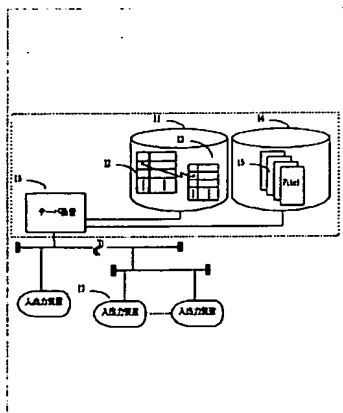
ABV - 199904

AP - JP19970156366 19970613

PA - HITACHI LTD

IN - HANIYUDA SHINICHI;SUGISHIMA HIROSHI

I - G06F12/00 ;G06F12/14



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